

§§ 86.094–15(a), (b), (d)–(i) and 86.098–15(c) and shall be subject to all discounting, credit life limits and all other provisions contained in §§ 86.094–15(a), (b), (d)–(i) and 86.098–15(c). In the case where the manufacturer can demonstrate that the credits were discounted under the program provided in this paragraph (k), that discount may be accounted for in the calculation of credits described in § 86.098–15(c).

(iv) For NO_x credits generated under this paragraph (k), a Std value of 2.0 grams per brake horsepower-hour shall be used in place of the current and applicable NO_x standard in the credit availability equation in § 86.098–15(c)(1).

(3) *Program flexibilities.* (i) NO_x credits that are banked under this paragraph (k) and not used as provided by paragraph (k)(2)(iii) of this section may be used without being forfeited due to credit age. The requirement in this paragraph (k)(3) applies instead of the requirements in § 86.094–15(f)(2)(i).

(ii) There are no regional category restraints for averaging, trading, and banking of credits generated under the program described in this paragraph (k) except if they are used under paragraph (k)(2)(iii) of this section. This applies instead of the regional category provisions described in the introductory text of § 86.094–15(d) and (e).

(iii) *Credit discounting.* (A) For NO_x credits generated under this paragraph (k) from engine families with NO_x FELs greater than 1.0 grams per brake horsepower-hour for oxides of nitrogen, a Discount value of 0.9 shall be used instead of 0.8 in the credit availability equation in § 86.098–15(c)(1).

(B) For NO_x credits generated under this paragraph (k) from engine families with NO_x FELs less than or equal to 1.0 grams per brake horsepower-hour for oxides of nitrogen, a Discount value of 1.0 shall be used in place of 0.8 in the credit availability equation in § 86.098–15(c)(1).

(4) *2003 model year.* Manufacturers selecting Option 1, described in § 86.005–10(f)(1), may not generate or bank early credits under this paragraph (k) for the 2003 model year. Credit generation and banking provisions contained in § 86.004–15 apply for the 2003 model year.

(l) *Credit apportionment.* At the manufacturer's option, credits generated

under the provisions described in paragraph (j) or (k) of this section may be sold to or otherwise provided to another party for use in programs other than the averaging, trading and banking program described in this section.

(1) The manufacturer shall pre-identify two emission levels per engine family for the purposes of credit apportionment. One emission level shall be the FEL and the other shall be the level of the standard that the engine family is required to certify to under § 86.098–10 or § 86.098–11, as applicable. For each engine family, the manufacturer may report engine sales in two categories, “ABT-only credits” and “non-manufacturer-owned credits.”

(i) For engine sales reported as “ABT-only credits”, the credits generated must be used solely in the ABT program described in this section.

(ii) The engine manufacturer may declare a portion of engine sales “non-manufacturer-owned credits” and this portion of the credits generated between the standard and the FEL, based on the calculation in § 86.098–15(c)(1), would belong to another party. For ABT, the manufacturer may not generate any credits for the engine sales reported as “non-manufacturer-owned credits.” Engines reported as “non-manufacturer-owned credits” shall comply with the FEL and the requirements of the ABT program in all other respects.

(2) Only manufacturer-owned credits reported as “ABT-only credits” shall be used in the averaging, trading, and banking provisions described in this section.

(3) Credits shall not be double-counted. Credits used in the ABT program may not be provided to an engine purchaser for use in another program.

(4) Manufacturers shall determine and state the number of engines sold as “ABT-only credits” and “non-manufacturer-owned credits” in the end-of-model year reports required under § 86.098–23.

[65 FR 59944, Oct. 6, 2000]

§ 86.000–16 Prohibition of defeat devices.

Section 86.000–16 includes text that specifies requirements that differ from § 86.094–16. Where a paragraph in

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§ 86.094–16 is identical and applicable to § 86.000–16, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.094–16.”

(a) No new light-duty vehicle, light-duty truck, heavy-duty vehicle, or heavy-duty engine shall be equipped with a defeat device.

(b) The Administrator may test or require testing on any vehicle or engine at a designated location, using driving cycles and conditions which may reasonably be expected to be encountered in normal operation and use, for the purpose of investigating a potential defeat device.

(c) [Reserved]. For guidance see § 86.094–16.

(d) For vehicle and engine designs designated by the Administrator to be investigated for possible defeat devices:

(1) The manufacturer must show to the satisfaction of the Administrator that the vehicle or engine design does not incorporate strategies that unnecessarily reduce emission control effectiveness exhibited during the Federal emissions test procedure when the vehicle or engine is operated under conditions which may reasonably be expected to be encountered in normal operation and use.

(d)(2)–(d)(2)(ii) [Reserved]. For guidance see § 86.094–16.

[61 FR 54881, Oct. 22, 1996, as amended at 65 FR 59945, Oct. 6, 2000]

§ 86.000–21 Application for certification.

Section 86.000–21 includes text that specifies requirements that differ from § 86.094–21, § 86.096–21 or § 86.098–21. Where a paragraph in § 86.094–21, § 86.096–21 or § 86.098–21 is identical and applicable to § 86.000–21, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.094–21.” or “[Reserved]. For guidance see § 86.096–21.” or “[Reserved]. For guidance see § 86.098–21.”

(a)–(b)(1)(i)(B) [Reserved]. For guidance see § 86.094–21.

(b)(1)(i)(C) The manufacturer must submit a Statement of Compliance in the application for certification which attests to the fact that they have assured themselves that the engine fam-

ily is designed to comply with the intermediate temperature cold testing criteria of subpart C of this part, and does not unnecessarily reduce emission control effectiveness of vehicles operating at high altitude or other conditions not experienced within the US06 (aggressive driving) and SC03 (air conditioning) test cycles.

(b)(1)(i)(C)(I)–(b)(1)(ii)(C) [Reserved]. For guidance see § 86.094–21.

(b)(2) Projected U.S. sales data sufficient to enable the Administrator to select a test fleet representative of the vehicles (or engines) for which certification is requested, and data sufficient to determine projected compliance with the standards implementation schedules of §§ 86.000–8 and 86.000–9. Volume projected to be produced for U.S. sale may be used in lieu of projected U.S. sales.

(b)(3) A description of the test equipment and fuel proposed to be used.

(b)(4)(i) [Reserved]. For guidance see § 86.098–21.

(b)(4)(ii)–(b)(5)(iv) [Reserved]. For guidance see § 86.094–21.

(b)(5)(v) [Reserved]. For guidance see § 86.098–21.

(b)(6)–(b)(8) [Reserved]. For guidance see § 86.094–21.

(b)(9)–(b)(10)(iii) [Reserved]. For guidance see § 86.098–21.

(c)–(j) [Reserved]. For guidance see § 86.094–21.

(k) and (l) [Reserved]. For guidance see § 86.096–21.

[61 FR 54882, Oct. 22, 1996]

§ 86.000–23 Required data.

Section 86.000–23 includes text that specifies requirements that differ from § 86.095–23 or § 86.098–23. Where a paragraph in § 86.095–23 or § 86.098–23 is identical and applicable to § 86.000–23, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.095–23.” or “[Reserved]. For guidance see § 86.098–23.”

(a)–(b)(1)(ii) [Reserved]. For guidance see § 86.095–23.

(b)(2) [Reserved]. For guidance see § 86.098–23.

(b)(3)–(b)(4)(ii) [Reserved]. For guidance see § 86.095–23.

(b)(4)(iii) [Reserved]. For guidance see § 86.098–23.